Facility Data Profile Notice No.: FP-14-00223293-8 Facility Data Profile Date: 03/25/2016

TRIFID: 24141RDFRDPOBOX Facility Name: BAE SYSTEMS ORDNANCE SYSTEMS INC

CHEMICAL REPORT SUMMARY

Reporting Year: 2012

Chemical/Generic/ Mixture Name	Original Postmark Date	Postmark Date	Received Date	NOSE Error Count	NOTE Error Count	NDC Error Count	NDC (facility level) Error Count	Data Quality Alert Count
COPPER COMPOUNDS	05/21/2014	05/21/2014	05/21/2014	0	0	0	0	2

(W) = Withdrawn Chemical

RELEASE COMPARISON REPORT

Total On-site Releases and Off-site Disposal (sum of all of section 5 on-site release plus POTW amounts designated as releases plus section 6.2 off-site transfer for disposal (this includes only waste management codes for disposal: M10, M41, M62, M63, M64, M65, M66, M67, M71, M72, M73, M79, M81, M82, M90, M94 and M99). Note: a median value is used for releases reported as range codes A = 5, B = 250 and C= 750)

Chemical	RY 2011	RY 2012	Difference
COPPER COMPOUNDS	7911.04	1228	-6683.04

Total Production Related Waste Management
(sum of 8.1 - 8.7 column B)

Chemical	RY 2011	RY 2012	Difference
COPPER COMPOUNDS	27855.64	1228	-26627.64

Reporting Year: 2012

Error Summary Page

DCN: 13-12-211-00252-8
File Number: EX-14-00354304-2

Chemical Name: COPPER COMPOUNDS

Error Counts For This Chemical	
NOSE Errors :	0
NOTE Errors :	0
NDC Errors :	0
NDC Errors (Facility level) :	0
DQA :	2

TECHNICAL ERRORS IDENTIFIED FOR THIS CHEMICAL :

DQA # 1	According to our preliminary analysis, your facility reported greater than a 25% change in total release (sum of all of section 5 on-site releases plus metals to a POTW plus section 6.2 off-site transfers for disposal) as compared to last year. Please review your release calculations to ensure accuracy. If you determine that your calculations are correct, please disregard this DQA.
Part II Section 5,6	MULTI SECTION ALERT
DQA # 2	According to our preliminary analysis, your facility reported at least a 25% change in production related waste (8.1-8.7) as compared to last year. Please review your release and other waste management calculations to ensure accuracy. If you determine that your calculations are correct, please disregard this DQA.
Part II Section 8.1-8.7	MULTI SECTION ALERT

Reporting Year: 2012 Form R Report

DCN: 13-12-211-00252-8
File Number: EX-14-00354304-2

Chemical Name: COPPER COMPOUNDS

PART I:

1.0 Reporting Year: 2012

2.0 Trade Secret Information: 2.1 Trade Secret: NO **2.2 Sanitized:** NO

3.0 Certification Official Name: WILLIAM BARNETT **Title:** GENERAL MANAGER **Date Signed:** 05/21/2014

4.2 This Report Contains Information for: a. An entire facility: YES **b. Part of a facility:** NO **c. A Federal Facility:** NO **GOCO:** YES

4.5 NAICS Code(s):

325920 - Primary NAICS

Withdrawal Reason

Revision Reason

PART II:

1.0 Toxic Chemical Identity:

1.1 CAS Number or Chemical Category Code: N100

1.2 Toxic Chemical or Chemical Category Name: COPPER COMPOUNDS

1.3 Generic Chemical Name: NA

1.4 Distribution of Each Member of the Dioxin and Dioxin-like Compounds Category:

1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17:

2.0 Mixture Component Identity:

2.1 Generic Chemical Name Provided By Supplier: NA

3.0 Activities and Uses of the Toxic Chemical at the Facility:

3.1 Manufacture the toxic chemical:

A. Produce: NO

B. Import: NO

If Produce or Import:

C. For on-site use/processing: NO

D. For sale/distribution: NO

E. As a byproduct: NO

F. As an impurity: NO

3.2 Process the toxic chemical:

A. As a reactant: NO

B. As a formulation component: YES

C. As an article component: NO

D. Repackaging: NO

E. As an impurity: NO

3.3 Otherwise use the toxic chemical:

A. As a chemical processing aid: NO

B. As a manufacture aid: NO

C. Ancillary or other use: NO

4.1 Maximum Amount of the Toxic Chemical On-Site at any Time During the Year: 03 Range from 1000 To 9999 (pounds)

5.0 Quantity of the Toxic Chemical Entering Each Environmental Medium On-site

Air Emissions	**A. Total Release**	**B. Basis of Estimate**
5.1 Fugitive Or Non-Point Air Emissions	1069 Pounds	E2 - Emission Factor, Site-specific
5.2 Stack Or Point Air Emissions	108 Pounds	E2 - Emission Factor, Site-specific

5.3 Discharges to Receiving Streams or Water Bodies **Stream or water body name:**	**A. Total Release**	**B. Basis of Estimate**	**C. % from Stormwater**
5.3.1 NEW RIVER	51 Pounds	C - Mass Balance Calculations	NA

Underground Injection/Land Disposal	**A. Total Release**	**B. Basis of Estimate**
5.4.1 Class I Underground Injection Wells	NA	
5.4.2 Class II-V Underground Injection Wells	NA	
5.5.1A RCRA Subtitle C Landfills	NA	
5.5.1B Other Landfills	NA	
5.5.2 Land Treatment / Application Farming	NA	
5.5.3A RCRA Subtitle C surface impoundments	NA	
5.5.3B Other surface impoundments	NA	
5.5.4 Other Disposal	NA	

6.0 Transfers of the Toxic Chemical in Wastes to Off-site Locations

6.1 Discharges to Publicly Owned Treatment Works (POTWs)

6.1.1

POTW NAME: NA

POTW Address:

City: County: State: ZIP:

A. Quantity Transfered: NA

B. Basis of Estimate:

6.2 Transfers to Other Off-site Locations

6.2.1 Off-Site EPA Identification Number (RCRA ID No.) :

Off-Site Location Name: NA

Off-site Address:

City: State: County: Province: ZIP: Country:

Location under control of reporting facility or parent company: NO

A. Total Transfers	B. Basis of Estimate	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery

7A On-Site Waste Treatment Methods & Efficiency

7A.1 a. General Waste Stream: NA

b. Waste Treatment Method Sequence:

c. Waste Treatment Efficiency:

7B On-site Energy Recovery Processes

1. NA

7C On-site Recycling Processes

1 . NA

8.0	Source Reduction and Waste Management * * Note: All values are in Pounds	Col. A Prior Year	Col. B Current Year	Col. C Following Year	Col. D Second Following Year
8.1a	Total on-site disposal to UIC Class I Wells, RCRA Subtitle C landfills and other landfills	0	NA	NA	NA
8.1b	Total other on-site disposal or other releases	950.2	1228	1500	1500

8.1c	Total off-site disposal to UIC Class I Wells, RCRA Subtitle C landfills and other landfills	0	NA	0	0
8.1d	Total other off-site disposal or other releases	26702	NA	10000	10000
8.2	Quantity Used For Energy Recovery On-Site	NA	NA	NA	NA
8.3	Quantity Used For Energy Recovery Off-Site	NA	NA	NA	NA
8.4	Quantity Recycled On-Site	0	NA	0	0
8.5	Quantity Recycled Off-Site	0	NA	0	0
8.6	Quantity Treated On-Site	NA	NA	NA	NA
8.7	Quantity Treated Off-Site	NA	NA	NA	NA

8.8	Quantity Released as a Result of Remedial, Catastrophic, or One Time Events	NA
8.9	Production Ratio or Activity Ratio	.31

8.10 Source Reduction Activities: Method A Method B Method C

8.10.1 NA

8.11 Additional Information Included: NO

9.1 Miscellaneous Information Included: NO